

Claims

5 1. A wiper system (1) for vehicles, having a wiper lever assembly (7) that has at least one wiper arm (26), which wiper lever assembly [verb missing] a first pivot lever (9), which can be coupled in a manner fixed against relative rotation to a stationary first shaft (19), and a second pivot lever (11), which is freely rotatable about a stationary second shaft (23), wherein the first pivot lever (9) is connected via a first joint (15) and the second pivot lever (11) is connected via a second joint (17) to a coupling element (13), and having a drive device (29), which has a drive shaft (31), disposed at a distance from the first and second shafts (19, 23), with the aid of which drive shaft at least one toggle link (37) can be shifted in oscillating fashion, wherein the toggle link (37) is connected via a joint (43) to a coupling part (45) that is coupled to the first shaft (19) in a manner fixed against relative rotation.

2. The wiper system of claim 1, characterized in that the second shaft (23) is disposed directly next to an A pillar of the vehicle body and/or an engine hood hinge.

3. The wiper system of one of the foregoing claims, characterized in that the first shaft (19) is disposed between the drive shaft (31) and the second shaft (23).

5 4. The wiper system of one of the foregoing claims, characterized in that the spacing between the first and second shafts (19; 23) is less, and preferably markedly less, than the spacing between the drive shaft (31) and the first shaft (19).

5. The wiper system of one of the foregoing claims, characterized in that the wiper arm (26) can be fastened to one of the pivot levers (9; 11), preferably the second pivot lever (11).

6. The wiper system of one of the foregoing claims, characterized in that the first and second joints (15; 17) are embodied as ball joints.

7. The wiper system of one of the foregoing claims, characterized in that the rotationally fixed connection between the first pivot lever (9) and the first shaft (19) and/or the connection between the second pivot lever (11) and the second shaft (23) is separable.

8. The wiper system of one of the foregoing claims, characterized in that at least one nozzle that can be acted upon by a fluid under pressure is disposed on the wiper arm (26).

9. The wiper system of one of the foregoing claims, characterized in that the first and second pivot levers (9; 11) are embodied as die-cast or bent sheet-metal parts.